

9-16-03

CASE 100-8345E



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September 15, 2003  
Date of Deposit

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF  
FUENFSCHILLING ET AL.  
APPLICATION NO: 10/624,997  
FILED: JULY 22, 2003  
FOR: PURIFICATION PROCESS

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants wish to make of record the references cited on attached forms PTO-892 (3 sheets) and PTO-1449 (4 sheets), which are copied from patent applications 09/271,672 and 09/652,295, both abandoned, and 10/021,117, allowed. Since the references are available in the file wrappers of said parent applications, copies are not enclosed.

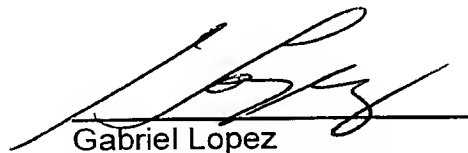
The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 forms.

Respectfully submitted,

Novartis  
Corporate Intellectual Property  
One Health Plaza, Building 430  
East Hanover, NJ 07936-1080

Encl: PTO forms (7 sheets)

Date: September 15, 2003

  
Gabriel Lopez  
Attorney for Applicants  
Reg. No. 28,440  
(862) 778-7882



FORM PTO-1449  
(REV. 7-85)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

Sheet 1 of 2

ATTY. DOCKET NO.  
100-8345/A/CONT  
APPLICATION NO.  
09/271,672  
APPLICANT  
FUENFSCHILLING ET AL.  
FILING DATE  
March 18, 1999

Group  
1611

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	3,503,950	3/31/70	Li	260	112	
	AB	3,671,647	6/20/72	Argoudelis et al.	260	210R	
	AC	3,743,633	7/3/73	Goerlich et al.	260	210.5	
	AD	3,804,594	4/16/74	Orjans et al.	23	270.5	
	AE	4,016,258	4/5/77	Said et al.	424	177	
	AF	4,203,956	5/20/80	Schröter et al.	423	321	
	AG	4,271,128	6/2/81	Schrödter et al.	422	189	
	AH	4,328,214	5/4/82	Rink et al.	424	177	
	AI	4,753,734	6/28/88	Ito	210	657	
	AJ	4,913,814	4/3/90	Singh et al.	210	512.2	
	AK	4,954,260	9/4/90	Ludmer et al.	210	634	
	AL	5,709,797	1/98	Bocchiola	210	635	

**FOREIGN PATENT DOCUMENTS**

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	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	
	AS	
	AT	

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.



FORM PTO-1449  
(REV. 7-85)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

Sheet 2 of 2

ATTY. DOCKET NO.  
100-8345/A/CONT  
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09/271,672  
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FUENFSCHILLING ET AL.  
FILING DATE  
MARCH 18, 1999

Group  
1611

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	3,244,592	4/1/66	Aral	167	65	
	AB	5,382,655	1/1/95	Szanya et al.	530	317	
	AC	5,591,438	1/1/97	Olson et al.	424	195.1	
	AD	5,256,547	10/93	Rudat et al.	435	71.1	
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
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**FOREIGN PATENT DOCUMENTS**

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**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	Vogel, Text book of Practical Organic Chem., Longman, 4th Edition, 1978, (pp. 211,217, 219, 220) from Experimental Techniques
	AS	
	AT	

EXAMINER

DATE CONSIDERED

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**Notice of References Cited**



Application/Control No.

09/652,295

Applicant(s)/Patent Under  
Reexamination  
FUENFSCHILLING ET AL.

Examiner

Thomas McKenzie Ph.D.

Art Unit

1624

Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
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	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
pk	N	96/12031 A1	04-1996	WO	Kim et al	— —
pk	O	95/32726 A1	12-1995	WO	Kim et al	— —
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

**Notice of References Cited**



Application/Control No.

09/652,295

Examiner

Steven M. Reid

Applicant(s)/Patent Under Reexamination  
FUENFSCHILLING ET AL.

Art Unit

1624

Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	DOCUMENT SOURCE **	
							APS	OTHER
<input checked="" type="checkbox"/>	A	5,595,661	Jan. 1997	Li et al	210	634	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	B	4,803,016	Feb. 1989	Binderman et al	260	403	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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**FOREIGN PATENT DOCUMENTS**

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**NON-PATENT DOCUMENTS**

*		DOCUMENT (Including Author, Title Date, Source, and Pertinent Pages)	DOCUMENT SOURCE **	
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\*A copy of this reference is not being furnished with this Office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)

\*\*APS encompasses any electronic search i.e. text, image, and Commercial Databases.

U.S. Patent and Trademark Office  
PTO-892 (Rev. 03-98)

Notice of References Cited

Part of Paper No. 3

# Notice of References Cited



Application/Control No.

09/652,295

Applicant(s)/Patent Under  
Reexamination  
FUENFSCHILLING ET AL.

Examiner

Steven M. Reid

Art Unit

1624

Page 1 of 1

## U.S. PATENT DOCUMENTS

* A	Document Number Country Code-Number-Kind Code	Name	Classification
B	US- -		
C	US- -		
D	US- -		
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## FOREIGN PATENT DOCUMENTS

* N	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
O	EP-652 219-A1	11-1993	Europe	Gletsos	-- --
P	- -				
Q	- -				
R	- -				
S	- -				
T	- -				

## NON-PATENT DOCUMENTS

* U	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
V	
W	
X	

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## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.  
100-8345D  
APPLICATION NO.  
10/021,117  
APPLICANT  
FUENFSCHILLING ET AL.  
FILING DATE  
OCTOBER 29, 2001

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	3,527,750	9/8/70	Karr			
	AB	3,573,275	3/30/71	Maehr et al			
	AC	4,081,354	3/28/78	Christman			
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	AN	1 223 903	3/3/71	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AO	1 356 056	6/12/74	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AP	1 521 457	8/16/78	UK			<input type="checkbox"/>	<input type="checkbox"/>
	AQ	2 215 631	9/27/89	UK			<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	Prochazka, et al., Chem. Engineer. Science, Vol. 31, pp. 179-186 (1976).
	AS	Lo and Baird, Encyc of Chem. Tech., 4 <sup>th</sup> ed., Vol. 10, pp. 125-180, J. Wiley & Sons, 1979
	AT	

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# INFORMATION DISCLOSURE CITATION

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OCTOBER 29, 2001

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	AI	298 427	2/20/92	DD (+abstr)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
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